

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/809,945

Source: \_\_\_\_\_

Date Processed by STIC: \_\_\_\_\_

# ***ENTERED***



IFWO

RAW SEQUENCE LISTING                      DATE: 12/01/2004  
 PATENT APPLICATION: US/10/809,945        TIME: 11:56:32

Input Set : N:\Crf3\RULE60\10809945.raw.txt  
 Output Set: N:\CRF4\12012004\J809945.raw

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1 <110> APPLICANT: Harberd, Nicholas P
2     Richards, Donald E
3     Peng, Jinrong
4 <120> TITLE OF INVENTION: Genetic Control of Plant Growth and Development
5 <130> FILE REFERENCE: 620-91
6 <140> CURRENT APPLICATION NUMBER: US/10/809,945
7 <141> CURRENT FILING DATE: 2004-03-26
8 <150> PRIOR APPLICATION NUMBER: US/09/485,529
9 <151> PRIOR FILING DATE: 2000-03-01
10 <150> PRIOR APPLICATION NUMBER: PCT/GB98/02383
11 <151> PRIOR FILING DATE: 1998-08-07
12 <150> PRIOR APPLICATION NUMBER: GB 9717192.0
13 <151> PRIOR FILING DATE: 1997-08-13
14 <160> NUMBER OF SEQ ID NOS: 108
15 <170> SOFTWARE: PatentIn Ver. 2.0
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 630
19 <212> TYPE: PRT
20 <213> ORGANISM: Triticum aestivum
21 <220> FEATURE:
22 <221> NAME/KEY: SITE
23 <222> LOCATION: (91)
24 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
25 <221> NAME/KEY: SITE
26 <222> LOCATION: (94)
27 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
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29 <222> LOCATION: (100)
30 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
W--> 31 <221> SITE
32 <222> LOCATION: (106)
33 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
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38 <222> LOCATION: (121)
39 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
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41 <222> LOCATION: (142)
42 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
W--> 43 <221> SITE
44 <222> LOCATION: (197)

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Input Set : N:\Crf3\RULE60\10809945.raw.txt

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47 <222> LOCATION: (436)
48 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
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51 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
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53 <222> LOCATION: (474)
54 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
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56 <222> LOCATION: (536)
57 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
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59 <222> LOCATION: (558)
60 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
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62 <222> LOCATION: (589)
63 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
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65 <222> LOCATION: (602)
66 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
W--> 67 <221> SITE
68 <222> LOCATION: (617)
69 <223> OTHER INFORMATION: Xaa is unknown or other amino acid
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73   Ala Gly Gly Ser Gly Gly Gly Gly Gly Gly Met Gly Ser Glu Asp Lys
74           20           25           30
75   Met Met Val Ser Ala Ala Ala Gly Glu Gly Glu Glu Val Asp Glu Leu
76           35           40           45
77   Leu Ala Ala Leu Gly Tyr Lys Val Arg Ala Ser Asp Met Ala Asp Val
78           50           55           60
79   Ala Gln Lys Leu Glu Lys Leu Glu Met Ala Met Gly Met Gly Gly Val
80           65           70           75           80
W--> 81   Gly Ala Gly Ala Ala Pro Asp Arg Gln Val Xaa His Pro Xaa Ala Ala
82           85           90           95
83   Asp Thr Val Xaa Tyr Asn Pro Thr Asp Xaa Ser Ser Trp Val Glu Ser
84           100          105          110
85   Met Leu Ser Glu Leu Xaa Glu Pro Xaa Pro Pro Leu Pro Pro Ala Pro
86           115          120          125
87   Gln Leu Asn Ala Ser Thr Val Thr Gly Ser Gly Gly Tyr Xaa Asp Leu
88           130          135          140
89   Pro Pro Ser Val Asp Ser Ser Ser Ser Ile Tyr Ala Leu Arg Pro Ile
90           145          150          155          160
91   Pro Ser Pro Ala Gly Ala Thr Ala Pro Ala Asp Leu Ser Ala Asp Ser
92           165          170          175
93   Val Arg Asp Pro Lys Arg Met Arg Thr Gly Gly Ser Ser Thr Ser Ser

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94          180          185          190
95 Ser Ser Ser Ser Xaa Ser Ser Leu Gly Gly Gly Ala Arg Ser Ser Val
96          195          200          205
97 Val Glu Ala Ala Pro Pro Val Ala Ala Ala Ala Asn Ala Thr Pro Ala
98          210          215          220
99 Leu Pro Val Val Val Val Asp Thr Gln Glu Ala Gly Ile Arg Leu Val
100          225          230          235          240
101 His Ala Leu Leu Ala Cys Ala Glu Ala Val Gln Gln Glu Asn Leu Ser
102          245          250          255
103 Ala Ala Glu Ala Leu Val Lys Gln Ile Pro Leu Leu Ala Ala Ser Gln
104          260          265          270
105 Gly Gly Ala Met Arg Lys Val Ala Ala Tyr Phe Gly Glu Ala Leu Ala
106          275          280          285
107 Arg Arg Val Phe Arg Phe Arg Pro Gln Pro Asp Ser Ser Leu Leu Asp
108          290          295          300
109 Ala Ala Phe Ala Asp Leu Leu His Ala His Phe Tyr Glu Ser Cys Pro
110          305          310          315          320
111 Tyr Leu Lys Phe Ala His Phe Thr Ala Asn Gln Ala Ile Leu Glu Ala
112          325          330          335
113 Phe Ala Gly Cys Arg Arg Val His Val Val Asp Phe Gly Ile Lys Gln
114          340          345          350
115 Gly Met Gln Trp Pro Ala Leu Leu Gln Ala Leu Ala Leu Arg Pro Gly
116          355          360          365
117 Gly Pro Pro Ser Phe Arg Leu Thr Gly Val Gly Pro Pro Gln Pro Asp
118          370          375          380
119 Glu Thr Asp Ala Leu Gln Gln Val Gly Trp Lys Leu Ala Gln Phe Ala
120          385          390          395          400
121 His Thr Ile Arg Val Asp Phe Gln Tyr Arg Gly Leu Val Ala Ala Thr
122          405          410          415
123 Leu Ala Asp Leu Glu Pro Phe Met Leu Gln Pro Glu Gly Glu Glu Asp
124          420          425          430
125 Pro Asn Glu Xaa Pro Xaa Val Ile Ala Val Asn Ser Val Phe Glu Met
126          435          440          445
127 His Arg Leu Leu Ala Gln Pro Gly Ala Leu Glu Lys Val Leu Gly His
128          450          455          460
129 Arg Ala Pro Pro Cys Gly Pro Glu Phe Xaa Thr Val Val Glu Thr Gln
130          465          470          475          480
131 Glu Ala Asn His Asn Ser Gly Thr Phe Leu Asp Arg Phe Thr Glu Ser
132          485          490          495
133 Leu His Tyr Tyr Ser Thr Met Phe Asp Ser Leu Glu Gly Gly Ser Ser
134          500          505          510
135 Gly Gly Gly Pro Ser Glu Val Ser Ser Gly Ala Ala Ala Ala Pro Ala
136          515          520          525
137 Ala Ala Gly Thr Asp Gln Val Xaa Ser Glu Val Tyr Leu Gly Arg Gln
138          530          535          540
139 Ile Cys Asn Val Val Ala Cys Glu Gly Ala Glu Arg Thr Xaa Arg His
140          545          550          555          560
141 Glu Thr Leu Gly Gln Trp Arg Asn Arg Leu Gly Asn Ala Gly Phe Glu
142          565          570          575

```

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```

143   Thr Val His Leu Gly Ser Asn Ala Tyr Lys Gln Ala Xaa Thr Leu Leu
144           580           585           590
145   Ala Leu Phe Ala Gly Gly Glu Arg Leu Xaa Val Glu Glu Lys Glu Gly
146           595           600           605
147   Cys Leu Thr Leu Gly Leu His Thr Xaa Pro Leu Ile Ala Thr Ser Ala
148           610           615           620
149   Trp Arg Leu Ala Gly Pro
150   625           630
152 <210> SEQ ID NO: 2
153 <211> LENGTH: 532
154 <212> TYPE: PRT
155 <213> ORGANISM: Arabidopsis thaliana
156 <400> SEQUENCE: 2
157   Met Lys Arg Asp His His His His His Gln Asp Lys Lys Thr Met Met
158       1           5           10           15
159   Met Asn Glu Glu Asp Asp Gly Asn Gly Met Asp Glu Leu Leu Ala Val
160           20           25           30
161   Leu Gly Tyr Lys Val Arg Ser Ser Glu Met Ala Asp Val Ala Gln Lys
162           35           40           45
163   Leu Glu Gln Leu Glu Val Met Met Ser Asn Val Gln Glu Asp Asp Leu
164           50           55           60
165   Ser Gln Leu Ala Thr Glu Thr Val His Tyr Asn Pro Ala Glu Leu Tyr
166           65           70           75           80
167   Thr Trp Leu Asp Ser Met Leu Thr Asp Leu Asn Pro Pro Ser Ser Asn
168           85           90           95
169   Ala Glu Tyr Asp Leu Lys Ala Ile Pro Gly Asp Ala Ile Leu Asn Gln
170           100          105          110
171   Phe Ala Ile Asp Ser Ala Ser Ser Ser Asn Gln Gly Gly Gly Gly Asp
172           115          120          125
173   Thr Tyr Thr Thr Asn Lys Arg Leu Lys Cys Ser Asn Gly Val Val Glu
174           130          135          140
175   Thr Thr Thr Ala Thr Ala Glu Ser Thr Arg His Val Val Leu Val Asp
176           145          150          155          160
177   Ser Gln Glu Asn Gly Val Arg Leu Val His Ala Leu Leu Ala Cys Ala
178           165          170          175
179   Glu Ala Val Gln Lys Glu Asn Leu Thr Val Ala Glu Ala Leu Val Lys
180           180          185          190
181   Gln Ile Gly Phe Leu Ala Val Ser Gln Ile Gly Ala Met Arg Lys Val
182           195          200          205
183   Ala Thr Tyr Phe Ala Glu Ala Leu Ala Arg Arg Ile Tyr Arg Leu Ser
184           210          215          220
185   Pro Ser Gln Ser Pro Ile Asp His Ser Leu Ser Asp Thr Leu Gln Met
186           225          230          235          240
187   His Phe Tyr Glu Thr Cys Pro Tyr Leu Lys Phe Ala His Phe Thr Ala
188           245          250          255
189   Asn Gln Ala Ile Leu Glu Ala Phe Gln Gly Lys Lys Arg Val His Val
190           260          265          270
191   Ile Asp Phe Ser Met Ser Gln Gly Leu Gln Trp Pro Ala Leu Met Gln
192           275          280          285

```

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```

193   Ala Leu Ala Leu Arg Pro Gly Gly Pro Pro Val Phe Arg Leu Thr Gly
194       290                               295                   300
195   Ile Gly Pro Pro Ala Pro Asp Asn Phe Asp Tyr Leu His Glu Val Gly
196   305                               310                   315                   320
197   Cys Lys Leu Ala His Leu Ala Glu Ala Ile His Val Glu Phe Glu Tyr
198       325                               330                   335
199   Arg Gly Phe Val Ala Asn Thr Leu Ala Asp Leu Asp Ala Ser Met Leu
200       340                               345                   350
201   Glu Leu Arg Pro Ser Glu Ile Glu Ser Val Ala Val Asn Ser Val Phe
202       355                               360                   365
203   Glu Leu His Lys Leu Leu Gly Arg Pro Gly Ala Ile Asp Lys Val Leu
204       370                               375                   380
205   Gly Val Val Asn Gln Ile Lys Pro Glu Ile Phe Thr Val Val Glu Gln
206   385                               390                   395                   400
207   Glu Ser Asn His Asn Ser Pro Ile Phe Leu Asp Arg Phe Thr Glu Ser
208       405                               410                   415
209   Leu His Tyr Tyr Ser Thr Leu Phe Asp Ser Leu Glu Gly Val Pro Ser
210       420                               425                   430
211   Gly Gln Asp Lys Val Met Ser Glu Val Tyr Leu Gly Lys Gln Ile Cys
212       435                               440                   445
213   Asn Val Val Ala Cys Asp Gly Pro Asp Arg Val Glu Arg His Glu Thr
214       450                               455                   460
215   Leu Ser Gln Trp Arg Asn Arg Phe Gly Ser Ala Gly Phe Ala Ala Ala
216   465                               470                   475                   480
217   His Ile Gly Ser Asn Ala Phe Lys Gln Ala Ser Met Leu Leu Ala Leu
218       485                               490                   495
219   Phe Asn Gly Gly Glu Gly Tyr Arg Val Glu Glu Ser Asp Gly Cys Leu
220       500                               505                   510
221   Met Leu Gly Trp His Thr Arg Pro Leu Ile Ala Thr Ser Ala Trp Lys
222       515                               520                   525
223   Leu Ser Thr Asn
224       530

```

226 &lt;210&gt; SEQ ID NO: 3

227 &lt;211&gt; LENGTH: 2709

228 &lt;212&gt; TYPE: DNA

229 &lt;213&gt; ORGANISM: Triticum aestivum

230 &lt;220&gt; FEATURE:

231 &lt;221&gt; NAME/KEY: misc\_feature

232 &lt;222&gt; LOCATION: (6)

233 &lt;223&gt; OTHER INFORMATION: n is any nucleotide

234 &lt;221&gt; NAME/KEY: misc\_feature

235 &lt;222&gt; LOCATION: (11)

236 &lt;223&gt; OTHER INFORMATION: n is any nucleotide

W--&gt; 237 &lt;221&gt; misc\_feature

238 &lt;222&gt; LOCATION: (46)

239 &lt;223&gt; OTHER INFORMATION: n is any nucleotide

W--&gt; 240 &lt;221&gt; misc\_feature

241 &lt;222&gt; LOCATION: (85)

242 &lt;223&gt; OTHER INFORMATION: n is any nucleotide

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 12/01/2004  
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Input Set : N:\Crf3\RULE60\10809945.raw.txt  
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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 91,94,100,106,118,121,142,197,436,438,474,536,558,589,602  
Seq#:1; Xaa Pos. 617  
Seq#:3; N Pos. 6,11,46,85,107,407,417,430,436,448,452,490,498,556,562,727  
Seq#:3; N Pos. 769,1444,1450,1556,1742,1808,1900,1940,1982,2438,2604,2638  
Seq#:3; N Pos. 2681,2689,2706  
Seq#:19; N Pos. 171,302,427,444,459,711  
Seq#:20; Xaa Pos. 57,143,148,250  
Seq#:57; N Pos. 674,680,786,972,1038,1130,1170,1212  
Seq#:58; N Pos. 19,33,131  
Seq#:59; N Pos. 17,19,20,53,61,77,84,137,142,156,162,167,205,212,221,251  
Seq#:59; N Pos. 259,271,273,277,290,306,321,337,342,345,362,367,369  
Seq#:60; N Pos. 3,34,45,142,176,179,185,186,187,188,189,191,197,198,210  
Seq#:61; N Pos. 5,8,11,51,56,59,69,156,210,264,345,350,360,367  
Seq#:62; N Pos. 6,57,177,235,238,251,286,293,294,295,296,328,331,332,333  
Seq#:63; N Pos. 7,17,149,263,361,362,413,438,479,484,491,496,510  
Seq#:64; N Pos. 9,46,50,72,95,131,141,154,160,172,176,214,222  
Seq#:65; N Pos. 7,13,17,24,37,45,46,55,60,61,87,108,123,130,135,163,176,233  
Seq#:65; N Pos. 347,350,370,378,379,383,386,399  
Seq#:66; N Pos. 6,11,46,85,107,445,449  
Seq#:67; N Pos. 57,66,127,131,147,201,367,401,444,452,469  
Seq#:68; N Pos. 4,9,12,28,31,36,41,42,46,54,56,60,63,92,157,161,173,184,195  
Seq#:68; N Pos. 198,200,205,213  
Seq#:69; N Pos. 37,66,164,172,179,185,188  
Seq#:70; N Pos. 4,14,202,210,214  
Seq#:71; N Pos. 2,3,8,10,11,12,13,25,33,39,365  
Seq#:72; N Pos. 1,21,54,60,225,267,364,385,394,404,412,415,416,425,426,427  
Seq#:72; N Pos. 433,436  
Seq#:73; N Pos. 3,11,196,274,369,370,371,379,394,402,414,423  
Seq#:74; N Pos. 24,90,121,170,173,194,203,229,255,263,273  
Seq#:75; N Pos. 10,13,17,18,45,48,158,169,205,218,224,231,237,242,258  
Seq#:76; N Pos. 158,161,217  
Seq#:77; N Pos. 38,108,128,352,353,371,383,385  
Seq#:79; Xaa Pos. 26,31

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Input Set : N:\Crf3\RULE60\10809945.raw.txt

Output Set: N:\CRF4\12012004\J809945.raw

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L:31 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:34 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:37 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:40 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:43 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:46 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:49 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:52 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:55 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:58 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:61 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:64 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:67 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:70 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:80  
M:341 Repeated in SeqNo=1  
L:237 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:240 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:243 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:246 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:249 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:252 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:255 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:258 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:261 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
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L:294 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:297 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
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L:321 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:324 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:325 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0

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Input Set : N:\CrF3\RULE60\10809945.raw.txt

Output Set: N:\CRF4\12012004\J809945.raw

M:341 Repeated in SeqNo=3  
 L:904 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19  
 L:907 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19  
 L:910 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19  
 L:913 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19  
 L:916 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19  
 L:919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:120  
 M:341 Repeated in SeqNo=19  
 L:955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:48  
 M:341 Repeated in SeqNo=20  
 L:1349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:660  
 M:341 Repeated in SeqNo=57  
 L:1384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0  
 M:341 Repeated in SeqNo=58  
 L:1481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0  
 M:341 Repeated in SeqNo=59  
 L:1540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0  
 M:341 Repeated in SeqNo=60  
 L:1593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0  
 M:341 Repeated in SeqNo=61  
 L:1652 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0  
 M:341 Repeated in SeqNo=62  
 L:1704 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0  
 M:341 Repeated in SeqNo=63  
 L:1759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:0  
 M:341 Repeated in SeqNo=64  
 L:1850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0  
 M:341 Repeated in SeqNo=65  
 L:1885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:0  
 M:341 Repeated in SeqNo=66  
 L:1933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:0  
 M:341 Repeated in SeqNo=67  
 L:2017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0  
 M:341 Repeated in SeqNo=68  
 L:2049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:0  
 M:341 Repeated in SeqNo=69  
 L:2075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0  
 M:341 Repeated in SeqNo=70  
 L:2119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:0  
 M:341 Repeated in SeqNo=71  
 L:2187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0  
 M:341 Repeated in SeqNo=72  
 L:2238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0  
 M:341 Repeated in SeqNo=73  
 L:2286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0  
 M:341 Repeated in SeqNo=74  
 L:2343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:0  
 M:341 Repeated in SeqNo=75  
 L:2366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:120

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PATENT APPLICATION: US/10/809,945

TIME: 11:56:33

Input Set : N:\Crf3\RULE60\10809945.raw.txt

Output Set: N:\CRF4\12012004\J809945.raw

M:341 Repeated in SeqNo=76

L:2401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0

M:341 Repeated in SeqNo=77